



IFW

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Martin HEUS et al.

Application No.: 10/563,762

Filed: January 9, 2006

Docket No.: 126583

For: AN AQUEOUS SOLUTION OF A SODIUM SALT OF HEDTA

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- 2. One or more reference cited herein was cited in the International Search Report and/or European Search Report. An English language version of the International Search Report is attached for the Examiner's information. According to the Notification of Acceptance in this file, a copy of each reference is already in the PTO file. Thus, no copy of any such reference is attached. See References 8, 9, 13.
- 3. In accordance with 37 CFR §1.98(a)(2)(ii), copies of any U.S. patents and patent application publications are not attached.
- 4. An English language Abstract of one or more non-English language reference is attached hereto. See References 8, 24-27, 34-36, 38, 40-42, 45, 47, 49, 52.
- 5. A computer-generated English language translation of one or more Japanese Patent Publication cited herein has been obtained from the website of the Japanese Patent Office (<http://www.jpo.go.jp>]), and is attached, but has not been reviewed for accuracy. See Reference 24.

- 6. Reference 10, GB 1 363 099, is an English-language equivalent to Reference 9, DE 21 50 994.
- 7. Reference 18, U.S. Patent No. 4,558,145, is an English-language equivalent to Reference 38, EP 0 178 363.
- 8. Reference 35, EP 0 205 748, is the European Patent Application corresponding to Reference 36, DE 35 17 103.

Respectfully submitted,



William P. Berridge
Registration No. 30,024

Julie M. Lake
Registration No. 51,156

WPB:JML/ccs

Date: April 6, 2006

OLIFF & BERRIDGE, PLC
P.O. Box 19928
Alexandria, Virginia 22320
Telephone: (703) 836-6400

<p>DEPOSIT ACCOUNT USE AUTHORIZATION Please grant any extension necessary for entry; Charge any fee due to our Deposit Account No. 15-0461</p>
--



Sheet 1 of 5

Form PTO-1449 (REV. 1/06)			US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 126583	APPLICATION NO. 10/563,762
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)			APPLICANT(S) Martin HEUS et al.			
			FILING DATE January 9, 2006	GROUP N/A		
U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	Document Number	Date	Name		
	1	5,491,259	02/13/1996	Grierson et al.		
	2	5,110,965	05/05/1992	Thunberg et al.		
	3	6,331,236	12/18/2001	Mani		
	4	2,893,916	07/07/1959	Rubin		
	5	4,191,575	03/04/1980	Sykes et al.		
	6	3,767,689	10/23/1973	Donovan et al.		
	7	4,683,076	07/28/1987	Lampton, Jr. et al.		
FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Document Number	Date	Country	With English Abstract	With English Translation
	8	EP 0 471 583 A	02/19/1992	EPO		
	9	DE 21 50 994 A	04/19/1973	Germany		
	10	GB 1 363 099	08/14/1974	Great Britian		
	11	EP 0 058 430 A1	08/25/1982	EPO		
	12	EP 0 054 277 A2	06/23/1982	EPO		
OTHER DOCUMENTS						
Examiner Initials	Cite No.	(Including Author, Title, Date, Pertinent Pages, etc.)				
	13	K. Nakamoto et al., <u>Infrared Spectra of Aqueous Solutions III. Ethylenediaminetetraacetic Acid, N-Hydroxylatedethylethylenediaminetriacetic Acid and diethylenetriaminepentaacetic Acid</u> , J. Am. Chem. Soc., 85, 309 (1963).				
	14	M. Bailly, <u>Production of Organic Acids by Bipolar Electrodialysis: Realizations and Perspectives</u> , Desalination, 144, 157 (2002).				
	15	P. Boyaval et al., <u>Concentrated Propionic Acid Production by Electrodialysis</u> , Enzyme Microb. Technol., 15, 683 (August 1993).				
	16	National Association of Corrosion Engineers, Technical Practices Committee, <u>NACE Standard TM-01-69, Test Method: Laboratory Corrosion Testing of Metals for the Process Industries</u> (1976)				
EXAMINER					DATE CONSIDERED	
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						

Form PTO-1449 (REV. 1/06)		US Dept. of Commerce PATENT & TRADEMARK OFFICE	ATTY DOCKET NO. 126583	APPLICATION NO. 10/563,762		
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANT(S) Martin HEUS et al.				
		FILING DATE January 9, 2006	GROUP N/A			
		U.S. PATENT DOCUMENTS				
Examiner Initials	Cite No.	Document Number	Date	Name		
	17	5,898,078	04/27/1999	St. George et al.		
	18	4,558,145	12/10/1985	Smith et al.		
	19	3,704,218	11/28/1972	Kato et al.		
	20	5,288,385	02/22/1994	Kedem et al.		
	21	5,250,159	10/05/1993	Butterworth		
	22	5,091,070	02/25/1992	Bauer et al.		
	23	6,495,013 B2	12/17/2002	Mazur et al.		
FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Document Number	Date	Country	With English Abstract	With English Translation
	24	JP 01 102 049 A	04/19/1989	Japan	X	X
	25	JP 01 284 308 A (Abstract only)	11/15/1989	Japan	X	
	26	SU 1 685 481 A1	10/23/1991	Soviet Union	X	
	27	RU 2 050 176 C1	12/20/1995	Russian Federation	X	
	28	GB 1 448 006	09/02/1976	Great Britain		
OTHER DOCUMENTS						
Examiner Initials	Cite No.	(Including Author, Title, Date, Pertinent Pages, etc.)				
	29	L. Bazinet et al., <u>Electroacidification of Soybean Proteins for Production of Isolate</u> , Food Technology 51(9) 52 (September 1997).				
EXAMINER					DATE CONSIDERED	
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						

Form PTO-1449 (REV. 1/06)		US Dept. of Commerce PATENT & TRADEMARK OFFICE	ATTY DOCKET NO. 126583	APPLICATION NO. 10/563,762		
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)						
		APPLICANT(S) Martin HEUS et al.				
		FILING DATE January 9, 2006	GROUP N/A			
U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	Document Number	Date	Name		
	30	5,472,633	12/05/1995	Griffin, Jr. et al.		
	31	4,212,994	07/15/1980	Wilson et al.		
	32	6,344,944	01/01/2002	Nambu et al.		
	33	4,652,350	03/24/1987	Cipriano et al.		
FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Document Number	Date	Country	With English Abstract	With English Translation
	34	JP 58 021 690 (Abstract only)	02/08/1983	Japan	X	
	35	EP 0 205 748	12/30/1986	EPO		
	36	DE 35 17 102 A	11/13/1986	Germany	X	
	37	GB 1 456 156	11/17/1976	Great Britain		
	38	EP 0 178 363 A1	04/23/1986	EPO	X	
OTHER DOCUMENTS						
Examiner Initials	Cite No.	(Including Author, Title, Date, Pertinent Pages, etc.)				
EXAMINER					DATE CONSIDERED	
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						

Form PTO-1449 (REV. 1/06) US Dept. of Commerce PATENT & TRADEMARK OFFICE			ATTY DOCKET NO. 126583		APPLICATION NO. 10/563,762	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)						
			APPLICANT(S) Martin HEUS et al.			
			FILING DATE January 9, 2006		GROUP N/A	
U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	Document Number	Date	Name		
FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Document Number	Date	Country	With English Abstract	With English Translation
	39	WO 91/02584 A1	03/07/1991	WIPO		
	40	JP 11 049 735 A	02/23/1999	Japan	X	
	41	WO 99/61407 A	12/02/1999	WIPO	X	
	42	EP 0 415 119 B1	03/06/1991	EPO	X	
	43	EP 0 416 312 B1	03/13/1991	EPO		
	44	EP 0 410 728 B1	01/30/1991	EPO		
OTHER DOCUMENTS						
Examiner Initials	Cite No.	(Including Author, Title, Date, Pertinent Pages, etc.)				
EXAMINER					DATE CONSIDERED	
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						

Date: April 6, 2006

Form PTO-1449 (REV. 1/06)		US Dept. of Commerce PATENT & TRADEMARK OFFICE	ATTY DOCKET NO. 126583	APPLICATION NO. 10/563,762		
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANT(S) Martin HEUS et al.				
		FILING DATE January 9, 2006	GROUP N/A			
		U.S. PATENT DOCUMENTS				
Examiner Initials	Cite No.	Document Number	Date	Name		
FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Document Number	Date	Country	With English Abstract	With English Translation
	45	EP 0 658 371 A1	06/21/1995	EPO	X	
	46	WO 02/48044 A2	06/20/2002	WIPO		
	47	FR 2 822 396 A1	09/27/2002	France	X	
	48	GB 1 296 859	11/22/1972	Great Britain		
	49	JP 04 171 027	06/18/1992	Japan	X	
	50	WO 96/41021 A1 (Abstract only)	12/19/1996	WIPO	X	
	51	EP 0 184 381 B1	05/31/1989	EPO		
	52	DE 34 05 522	08/29/1985	Germany	X	
	53	EP 0 040 254 B1	07/13/1983	EPO		
OTHER DOCUMENTS						
Examiner Initials	Cite No.	(Including Author, Title, Date, Pertinent Pages, etc.)				
EXAMINER					DATE CONSIDERED	
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						

Date: April 6, 2006